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PATENT
1781-224P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Kok Kiong TAN et al. Conf.: 4272

Serial No.: 09/840,040 Art Unit: 2834

Filed: April 24, 2001 Examiner: J. Jones

For: ADAPTIVE RIPPLE SUPPRESSION/COMPENSATION APPARATUS FOR PERMANENT MAGNET LINEAR MOTORS

SMALL-ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents
Washington, DC 20231

January 27, 2003

Sir:

Transmitted herewith is an AMENDMENT in the above-identified application.

Applicant claims small entity status under 37 C.F.R. §1.27.
 The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. §1.8.
 The enclosed document is being transmitted via facsimile.

The fee is calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESNT EXTRA	RATE	ADDITIONAL FEE
TOTAL	8	-	20	=	0	\$ 9	\$0.00
INDEPENDENT	1	-	3	=	0	\$ 42	\$0.00
FIRST PRESENTATION OF A MULTIPLE CLAIM						\$140	\$0.00
						TOTAL	\$0.00

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- Petition for one-month extension of time pursuant to 37 C.F.R. §§1.17 and 1.136(a). \$55.00 for the extension of time.
- No fee is required.
- Check in the amount of \$55.00 is enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17, particularly extension of time fees.

Respectfully submitted,
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
James M. Slattery, #28,880

1781-224P
Attachments
JMS:CTT:rk

P. O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

CK



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PATENT
1781-224P

IN THE U. S. PATENT AND TRADEMARK OFFICE

Applicants: Kok Kiong TAN et al. Conf: 4272
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AMENDMENT UNDER 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, DC 20231

January 27, 2003

Sir:

In response to the Office Action mailed September 25, 2002 (Paper No. 5), the period for response being extended one month to January 25, 2003, the following amendments and remarks are respectfully submitted in connection with the above-identified application:

IN THE SPECIFICATION:

Please rewrite the paragraph beginning on page 5, line 9, as follows:

Figures 3(a)-(c) are graphs of control system signals, showing the tracking ability of an example of a system, such as that of Figure 2, according to the present invention, in which Figure 3(a) shows a signal representing a desired trajectory x_d , Figure 3(b) represents the error signal $(x_d - x)$, and Figure 3(c) represents the control signal provided at the input of

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